

ABSTRACT OF THE INVENTION

1 A ballast, or power supply circuit, for gas discharge lamps of the type
2 using IC control based gate-drive circuitry for controlling a pair of serially
3 connected switches of a d.c.-a.c. inverter. More particularly, the invention
4 relates to a ballast having a resonant feedback circuit drawing continuous
5 input current from a wide range of source voltages to satisfy requirements of
6 phase control dimmers. Even more particularly, the invention relates to a
7 universal platform for phase dimming discharge lighting using the Ballast and
8 a discharge Lamp with a phase dimming circuit.